

Fire Regime and Condition Class (FRCC) Landscape Scorecard Software User Guide

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Section 1: Installing the Software

1. Download the FRCC Landscape Scorecard software from the FRCC website (www.frcc.gov). The software install file is a zip file whose filename starts with FRCCscorecard_Install and can be downloaded from the FRCC website by clicking on the “Software” menu then selecting “FRCC S/W Installation”.
2. The FRCC Landscape Scorecard software has been developed as a Java application which accesses an MS Access database. The software requires that a current version of the Java 2 Run-time Environment (J2RE) has been installed on the computer the FRCC Scorecard software will be installed on. A J2RE (version 1.4.2) install file called (j2re-1_4_2_04-windows-i586-p.exe) has been included in the FRCC Scorecard Installation zip file. Make sure you are also running MS Access 2000 or a later version on the computer that the FRCC software will be installed on.
3. Extract the files from the installation file into a destination drive. Make sure that FRCC.jar and FRCC.mdb are in the same directory. If you are downloading the software from a CD, make sure these files are not read-only.
4. Run FRCC.jar by double clicking on it. The FRCC Landscape Scorecard data entry form will appear with an example landscape loaded.

User Tip:

Ø Create a shortcut on your desktop to the FRCC Landscape Scorecard application by right-clicking on the FRCC.jar in Windows Explorer, then select *Send To—Desktop*.



Section 2: Starting the Program

Navigate to the folder where you downloaded the FRCC Landscape Scorecard software. Double click on FRCC.jar to start the program. You may alternately double click the shortcut on your desktop, if you created a shortcut there.

Section 3: Entering and Viewing Data

When the FRCC Landscape Scorecard starts, the Landscape Data Entry form is opened with a sample project.

Viewing Data.

To view data, scroll through previously entered projects using the  (“Previous Project”) and the  (“Next Project”) buttons located to the right of the Characterization Date field.



Entering Data.

The data is entered into two blocks (Landscape Data and Strata Data); each is explained in more detail below. Each block must be completed before you can move onto the next block and a pop-up error message will appear if required fields are incomplete. Refer to the FRCC Methods Document (available at the FRCC website, (www.frcc.gov) for information about individual fields on the form.

User Tips

- Ø You must complete the Landscape block before moving on to the Strata block.
- Ø Have the Methods Document in hand when filling in the project form. It provides more detail about which fields are required.
- Ø If you get an error message, it is probably because you have left a required field blank. Go back over the data you've entered and make sure that you completed all required fields. Required fields labels are in blue.

Project Data Block

- *Starting a new project.* Since the database automatically opens with an example project already entered, you will need to create a new project. Click on the “Landscape” menu, then select the “New” menu item.
- *Copying a project.* Simply change any of the primary key values (Registration Code, Project Code, Project ID or Characterization Date) to copy the current Landscape to a new Landscape. In the process of creating the new copy, the existing Landscape will be retained.
- *Adding Photos.* Photos can be stored with a project as hyperlinks. To enter a photo, place an electronic copy of the photo on the computer's hard drive. It is recommended that the photo be stored in a compressed format such as TIFF or JPEG. Click the  (“Load Photo”) button next to the photo field. Navigate to the folder containing the photo file, click on the photo file and click the “Save” button. Once a photo has been added to the Landscape, the photo can be viewed by pressing the  (“View Photo”) button. When a photo is added to the landscape, the Photo Date field will also be populated with the date associated with the photo on your hard drive. This default photo date can be overwritten if desired.

Strata Block

- *Strata Composition (%).* In the Strata block, you are required to enter a percentage in *Strata Composition* field that shows how much of the landscape project is composed of this strata. When you save the landscape, if the sum of the

landscape's Strata Composition does not equal 100, a warning popup message will alert the user that the sum does not equal 100. Despite the warning, the landscape will still be saved to the database.

- *Adding Strata.* To add additional strata in the Biophysical Stratification block, click on the **New** ("New Strata") button located to the right of the Strata Num. Once multiple strata have been entered for a project, the **<** ("Previous Strata") and the **>** ("Next Strata") buttons can be used to scroll between the strata. To copy an existing strata, click on the "Strata" menu, then click on "Copy".
- *Selecting a Bp Land Unit.* Bp Land Units can be selected from a drop down list of codes. To see the title of each of the Potential Natural Vegetation Groups (PNVG) in the list, hold the cursor over a code in the drop-down list. A caption containing the PNVG title will appear.
- *Selecting a Fire Interval.* The Fire Interval can be selected from a drop down list. To see the Fire Interval along with its associated score (from Table 1) in the list, hold the cursor over a Fire Interval in the drop-down list. A caption containing the Fire Interval and its score will appear.
- *Selecting a Fire Severity Class.* The Fire Severity Class can be selected from a drop down list. To see the Fire Severity Class along with its associated score (from Table 1) in the list, hold the cursor over a Fire Severity Class in the drop-down list. A caption containing the Fire Severity Class and its score will appear.

Saving the Landscape

- Once the Landscape and its Strata have been entered, save the Landscape to the database by pressing the **Save** ("Save Project") button.

Viewing Reports

- View a Landscape Scorecard report (containing the data entered and the results of the FRCC calculations) by clicking on the **Report** ("Generate Report") button in the bottom right corner of the Landscape Data Entry Form. A window will come up which displays the Landscape Scorecard Report for this Landscape.
- Press the "Page Down" key on your keyboard to view the "Landscape Natural Fire Regime" and "Landscape Fire Regime Condition Class" graphs.
- Print a report by clicking on the "File" menu, then clicking the "Print" menu item.
- If the user generates a report for a landscape where the sum of the Strata Compositions does not equal to 100, the report will be generated with the strata composition total in red. The report graphs will also have warnings that the composition total does not equal 100.

Landscape Scorecard Data Entry Form

Fire Regime Condition Class Scorecard version 1.0.5

Landscape Data:

1 Reg Code: ATST 2 Proj Code: MENARD 3 Proj ID: 17 4 Charact Date: 02/25/2004

5 Examiner: cstewart@fs.fed.us 6 Proj Name: Menard 7 Area: 500 8 Acres

9 Latitude: 10 Longitude: WGS84

12 Photo: browse 13 Date:

14 Comment:

Strata Data:

15 Strata Num: 1 New

16 Code: MEN1 17 Strata Name: P Pine - Douglas Fir 18 Char Date: 02/25/2004 19 Bp Land Unit: PPDF1

20 Strata Composition (%): 45

21 Fire Interval: Frequent 24 Freq Evid: 2 27 Sev Evid: 3 30 Sev Class: Surface

34 Char VF Dpt: 4 37 Unchar VF: 12 40 Sev Depart: 3 43 Freq Depart: 3

Report Save Exit

The above figure shows the Landscape Scorecard Data Entry form. The field numbers corresponding to each of the fields from the FRCC Guidebook have been superimposed in purple.